# UNITED STATES PATENT AND TRADEMARK OFFICE
# CERTIFICATE OF CORRECTION

PATENT NO.      : 7,197,157 B2
APPLICATION NO. : 09/839137
DATED           : March 27, 2007
INVENTOR(S)    : Akira Akashi

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Front Cover:
        Foreign Application Priority Data (30)
                "2001-0933U" should read --2001-093331--.

Figure 14:      "Quality(Strength)" should read --Quality (Strength)--.

Col. 1,  line 24, "are expected" should read --is expected--.

           line 26, "tampered" should read --tampered with.--

Col. 2,  line 35, "An watermark image" should read --A watermark image--.

Col. 3,  line 50, "Figs. 10A to 10C" should read --Figs. 10A, 10B and 10C--.

           line 64, "Figs. 11A to 11C" should read --Figs. 11A, 11B and 11C--.

Col. 4,  line 48, "screen 203" should read --203--.

Col. 8,  line 55, "image sensing date," should read --image sensing data,--

Col. 9,  lines 42-47,

$$d = 1/N \cdot \Sigma \, (a_i - b_i)$$
$$= 1/N \cdot \Sigma \, \{ (a_i + c) - (b_i - c) \}$$
$$= 1/N \cdot \Sigma \, \{ (a_i + b_i) + 2c \}$$
$$= 2c"$$

should read

$$--d = 1/N \cdot \Sigma \, (a_i - b_i)$$
$$= 1/N \cdot \Sigma \, \{ (a_i + c) - (b_i - c) \}$$
$$= 1/N \cdot \Sigma \, \{ (a_i + b_i) + 2c \}$$
$$\fallingdotseq 2c --.$$

Col. 11, line 55, "operation" should read --An operation--.

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Col. 13, line 15, "setting" should read --settings--.

Signed and Sealed this

Eleventh Day of December, 2007

JON W. DUDAS
*Director of the United States Patent and Trademark Office*